

IN THE CLAIMS:

1. (currently amended) A multiband radio antenna device (1) for a radio communication terminal, the multiband radio antenna device comprising:
a flat ground substrate; (2), and
a flat parasitic element in a plane parallel to said ground substrate, the a flat parasitic element (7) having a ground connection; (9), and
a flat antenna element (3) having a feeding point (8) and a ground connection (10,11), wherein said antenna element has a first longitudinal member (4), a first transverse member (5) extending from a first end portion of said first longitudinal member, and a second transverse member (6) extending from said first longitudinal member in the same direction as said first transverse member, wherein said parasitic element extends parallel to said second transverse member, ~~characterised in that~~ wherein said second transverse member (6) extends from a ~~centre~~ center portion of said first longitudinal member, wherein said parasitic element (7) extends between said first and second transverse members, along and adjacent to an outer portion of said second transverse member (6) from a ~~centre~~ center portion of the second transverse member (6), wherein said feeding point (8) is disposed at said ~~centre~~ center portion of the second transverse member (6), wherein a first ground connection (10) of the antenna element is disposed at an end portion, opposite said longitudinal member, of the second transverse member (6), and wherein a second ground connection (11) of the antenna element is disposed at a ~~centre~~ center portion of said first transverse member (5).
2. (currently amended) The multiband radio antenna device as recited in claim 1, ~~characterised in that~~ wherein said parasitic element has a first ground connection (9) disposed adjacent to said feeding point.
3. (currently amended) The multiband radio antenna device as recited in claim 1, ~~characterised in that~~ wherein said antenna element has a second longitudinal member (12) extending from said end portion of said second transverse member, away from said first transverse member.

4. (currently amended) The multiband radio antenna device as recited in claim 3, ~~characterised in that~~ wherein said antenna element has a third transverse member (13) extending from an end portion of said second longitudinal member opposite said second transverse member, towards said first longitudinal member.

5. (currently amended) The multiband radio antenna device as recited in claim 4, ~~characterised in that~~ wherein said antenna element has a fourth transverse member (14) extending from said first longitudinal member between said second and said third transverse members.

6. (currently amended) The multiband radio antenna device as recited in claim 1, ~~characterised in that~~ wherein said feeding point is disposed on a protruding member (15) at said ~~centre~~ center portion of the second transverse member, protruding towards first transverse member.

7. (currently amended) The multiband radio antenna device as recited in claim 6, ~~characterised in that~~ wherein said protruding member is tapered towards said first transverse member.

8. (currently amended) The multiband radio antenna device as recited in claim 7, ~~characterised in that~~ wherein said parasitic element has a leg member (16) extending parallel to a side of the tapered protruding member facing away from said first longitudinal member.

9. (currently amended) The multiband radio antenna device as recited in Claim 1 ~~any of the previous claims, characterised in that~~ a an outer portion, extending from said ~~centre~~ center portion, of said first transverse member has a side edge facing said second transverse member, which side edge extends at an angle towards said second transverse member, such that said first transverse member widens towards its outer end.

10. (currently amended) The multiband radio antenna device as recited in Claim 1

~~any of the previous claims, characterised in that~~ wherein said ground plane has a longitudinal length of one third of a selected base band.

11. (currently amended) A radio communication terminal (30) comprising:
a radio transmitter; and
a multiband radio antenna device coupled to the radio transmitter, the
multiband radio antenna device comprising,
a flat ground substrate.
a flat parasitic element in a plane parallel to said ground substrate, the flat
parasitic element having a ground connection, and
a flat antenna element having a feeding point and a ground connection,
wherein said antenna element has a first longitudinal member, a first transverse
member extending from a first end portion of said first longitudinal member, and a
second transverse member extending from said first longitudinal member in the same
direction as said first transverse member, wherein said parasitic element extends
parallel to said second transverse member, wherein said second transverse member
extends from a center portion of said first longitudinal member, wherein said parasitic
element extends between said first and second transverse members, along and adjacent
to an outer portion of said second transverse member from a center portion of the
second transverse member, wherein said feeding point is disposed at said center
portion of the second transverse member, wherein a first ground connection of the
antenna element is disposed at an end portion, opposite said longitudinal member, of
the second transverse member, and wherein a second ground connection of the
antenna element is disposed at a center portion of said first transverse member a
~~multiband radio antenna device according to any of the previous claims.~~

12. (new) The radio communications terminal as recited in claim 11, wherein said parasitic element has a first ground connection disposed adjacent to said feeding point.

13. (new) The radio communications terminal as recited in claim 11, wherein said antenna element has a second longitudinal member extending from said end portion of

said second transverse member, away from said first transverse member.

14. (new) The multiband radio antenna device as recited in claim 13, wherein said antenna element has a third transverse member extending from an end portion of said second longitudinal member opposite said second transverse member, towards said first longitudinal member.

15. (new) The multiband radio antenna device as recited in claim 14, wherein said antenna element has a fourth transverse member extending from said first longitudinal member between said second and said third transverse members.

16. (new) The multiband radio antenna device as recited in claim 11, wherein said feeding point is disposed on a protruding member at said center portion of the second transverse member, protruding towards first transverse member.

17. (new) The multiband radio antenna device as recited in claim 16, wherein said protruding member is tapered towards said first transverse member.

18. (new) The multiband radio antenna device as recited in claim 17, wherein said parasitic element has a leg member extending parallel to a side of the tapered protruding member facing away from said first longitudinal member.

19. (new) The multiband radio antenna device as recited in Claim 11 an outer portion, extending from said center portion, of said first transverse member has a side edge facing said second transverse member, which side edge extends at an angle towards said second transverse member, such that said first transverse member widens towards its outer end.

20. (new) The multiband radio antenna device as recited in Claim 11 wherein said ground plane has a longitudinal length of one third of a selected base band.